

The Commonwealth of Massachusetts

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ANNUAL REPORT

OF THE

TRUSTEES OF THE GARDNER  
STATE COLONY

FOR THE

YEAR ENDING NOVEMBER 30, 1921

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DEPARTMENT OF MENTAL DISEASES



BOSTON

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SUPERVISOR OF ADMINISTRATION.

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# TRUSTEES AND OFFICERS

## OF THE

### GARDNER STATE COLONY.

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#### Board of Trustees.

HERBERT B. HOWARD, M.D., <i>Chairman</i>	. . . . .	READING.
Mrs. AMIE H. COES, <i>Secretary</i>	. . . . .	WORCESTER.
GEORGE N. HARWOOD	. . . . .	BARRE.
Mrs. ALICE M. SPRING	. . . . .	FITCHBURG.
THOMAS H. SHEA	. . . . .	FITCHBURG.
OWEN A. HOBAN	. . . . .	GARDNER.
THOMAS R. P. GIBB	. . . . .	BELMONT.

#### Resident Officers.

CHARLES E. THOMPSON, M.D.	. . . . .	<i>Superintendent.</i>
ARTHUR N. BALL, M.D.	. . . . .	<i>Assistant Superintendent.</i>
LEON E. DUVAL, M.D.	. . . . .	<i>Senior Assistant Physician.</i>
JOHN A. HOLLAND, M.D.	. . . . .	<i>Assistant Physician.</i>
WALTER M. FRIZZELL, D.M.D.	. . . . .	<i>Dentist.</i>
MYRON L. MARR	. . . . .	<i>Head Farmer.</i>
Mrs. HELEN I. HARRINGTON	. . . . .	<i>Treasurer.</i>

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Mrs. LILLIAN A. GREENE	. . . . .	<i>Director of Industries for Women.</i>
EUGENE CHATIGNY	. . . . .	<i>Supervisor of Weaving, Knitting, etc.</i>
HARRY L. WHITEHOUSE	. . . . .	<i>Supervisor of Shoemaking.</i>
HENRY L. NEILSON	. . . . .	<i>Tailor.</i>
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#### Supervisors.

EDITH M. JOHNSON	. . . . .	<i>Women's Infirmary.</i>
GEORGE A. GREENE	. . . . .	<i>Men's Infirmary.</i>

#### Colonies.

##### *Matrons.*

Mrs. MAUD BURNHAM.
Mrs. CARRIE KALER.
— — —
Mrs. EMMA P. PIERCE.
Mrs. MABEL A. SANDERSON.
Mrs. MARY STAPLES.
Mrs. CATHERINE CLARK.
Mrs. GLADYS HUGHES.
Mrs. MAY WADSWORTH.

Valley Cottages.
Belcher Cottage.
Westminster Cottages.
Gardner Cottages.
Fairview Cottage.
Hillcrest Cottage.
Highland Cottage.
Overlook Cottage.
Wachusett Cottage.

##### *Supervisors.*

ELLIE W. BURNHAM.
SIDNEY KALER.
EUGENE L. BRYANT.
FRANK R. PIERCE.
— — —
AUSTIN F. STAPLES.
— — —
— — —
WALTER WADSWORTH.

#### Religious Services.

Rev. FATHER DOLAN, Catholic.	MOSES L. SEDAR, Hebrew.
Local pastors in turn, Protestant.	



# The Commonwealth of Massachusetts

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

We have the honor to present the nineteenth annual report of the Board of Trustees of the Gardner State Colony.

The physical plant, while insufficient in many essential particulars, is being maintained in good condition and used to the limit of its capacity. There is not an idle building, empty room or piece of unused equipment in the colony.

An assembly hall and recreation building, providing a large assembly room with stage and moving-picture booth, a bowling alley, men's smoking room, lounge and kitchen facilities, has been completed during the year at a cost of approximately \$40,000, including furnishings and connecting the building by subway construction to the central heating plant. All the work of erecting this building was performed by our own mechanics, assisted by patients' labor. The bricks for the interior wall lining were made by our own labor on the premises. The cost of construction was less than the lowest independent contract bid received on open bidding. The successful and economical construction of this building demonstrates that we are able to build such other buildings as may from time to time be needed at the colony at a substantial saving to the Commonwealth. The addition of this building to our equipment fills a long-felt want. It provides for suitable recreation facilities, a place for religious worship, and removes from the infirmary buildings activities which were neither suitable nor proper to be conducted therein.

Our present building accommodations are taxed to capacity, and the institution can neither grow nor function properly without immediate additions.

As pointed out in our last annual report, we believe the time has come when we can add other colony groups to care for increasing numbers without materially adding to the overhead cost of operation. We have already arrived at a stage where certain additional officers are necessary for the proper management of the institution, but there would be no need of materially increasing the number of employees to care for a much larger number of patients.

The colony has 1,800 acres of land upon which are many splendid building sites. The roads have largely been rebuilt; water mains have been laid; electric lights and telephone circuits installed; and the development of the institution brought to the point where further extensions to provide for larger numbers can very easily and economically be made.

The colony is now a receiving hospital by direct commitment as well as by transfer from other insane institutions. The receiving hospital feature has developed to a point where special facilities should be provided to properly treat acute patients who are directly committed to it.

To properly perform the work the colony is now called upon to do, and provide for its growth, certain essential buildings should be constructed.

We make the following recommendations for special appropriations: —

1. *Hospital for 75 Patients.* — Requested in 1919, 1920 and 1921. The hospital facilities of the institution for surgical and medical treatment of both inmates and employees consist of two small wooden cottages having accommodations for 18 people each. At present, because of lack of room elsewhere, we are obliged to house eight employees in these buildings as well as the sick. This necessity exposes the sick to the disturbance and noise of persons going in and out, and compels the employees to live under unattractive and restrictive conditions. The buildings are not fireproof or sanitary, and are wholly unsuited to provide the proper surgical or medical facilities required for a population of nearly 1,100 people. We have plans for a hospital with a capacity of 75 patients, with proper surgical, medical and laboratory equipment. To this should be added a ward for the treatment of acute cases which



now come to us direct. With such a hospital we could care for all our sick, the acute cases, the dental and laboratory work, greatly enlarge and improve the work of the medical staff, and furnish training for nurses and attendants. The cottages now used for hospital purposes could then be used for the accommodation of 16 employees. At present we are seven employees short of our quota because we have no place to put them, and eight others are forced to travel to and fro between the colony and Gardner. We cannot continue short handed much longer, or expect employees to stay with us who have to travel six miles to work or sleep in a hospital. The building of the hospital would solve two problems, — hospital accommodations and employees' quarters.

2. *Alteration of Infirmary Buildings.* — We have two infirmary buildings, one for men, the other for women, each having accommodations for 175 persons. These buildings are filled to capacity. As at present arranged, no proper classification of patients can be made. The noisy, nervous, excited, untidy and depressed all mingle together in the common rooms. The construction of the buildings is such that at very little expense they could each be divided into three wards affording opportunity for classification of patients, with a consequent improvement in the care and treatment of all. Such a division of these buildings would require the construction of two separate toilet and bath additions to each building. We also recommend the construction of a screened veranda on each building, which will improve its appearance and afford opportunity for open-air treatment. The adoption of this recommendation will greatly improve the scientific care and treatment of those of our patients who need it the most.

3. *Superintendent's House.* — The superintendent of the colony now lives in rooms on the second floor of the three-storied administration building. On the ground floor are the offices of administration, records, clerical forces and reception rooms. The third floor is used as sleeping rooms for the attendants and employees of both the day and night forces. The rooms now occupied by the superintendent could be used for other needed purposes if he was housed elsewhere. The quarters of the superintendent are noisy and inconvenient, and

their arrangement interferes with the enjoyment of the privacy and quiet home life to which he and his family are entitled.

4. *Laundry Building*. — Its present location is in the basement of our domestic building. The domestic building was originally planned to seat 180 people at meals. It is now called on to accommodate 340, which means setting up and clearing off the tables six times per day. The presence of the laundry in this building brings with it the constant dampness and excessive heat of such a plant, while the laundry work is performed under poor conditions as to light and sanitation. We recommend the construction of a laundry building for the machinery and work of this department, and thus provide in the domestic building the additional place needed for the preparation of food and its proper and economical service.

5. *Employees' Cottages*. — Additional employees' cottages similar to those we now have are sadly needed unless the requests for the hospital building and superintendent's house are granted. If the hospital is built, then the present hospital cottages can be used for employees.

6. *Machine Shop*. — We have no machine shop except a little space in the power house, and such a shop is sadly needed.

7. *Barn at Belcher Cottage*. — As reported last year a new barn should be constructed at the Belcher Cottage to provide for the increase of our herd and assist in the elimination of tuberculosis. Added barn space is also needed for the housing of farm machinery.

8. *Two New Group Buildings*. — We have a sufficient amount of land which could rapidly be brought under cultivation if new groups of patients were located upon it. Two group buildings, one for 50 male, and one for 50 female, patients, would permit a better classification and better all-round work at the institution.

9. *Additional Water Supply*. — Within the year the Gardner Cottages have been added to our water system, and in the event of a drought we do not believe that the water supply will be adequate to furnish water for domestic use and fire protection. We recommend that a study be made of our water supply with a view to developing and increasing it.

We especially urge the very great need of the following new

buildings, above recommended, namely: hospital, alteration of infirmary buildings, superintendent's house and laundry. The construction and alteration of these buildings would do much to relieve the congestion in the administration and domestic buildings; provide sadly needed quarters for employees; furnish adequate hospital facilities for the sick and acute cases; and work a decided improvement in the care and treatment of patients.

The record of the year's work, detailed in the report of the superintendent, shows a satisfactory record of service to the immediate community at the colony and a gratifying contribution of service to the district which it serves.

We commend the loyal and efficient work of our devoted superintendent, Dr. Charles E. Thompson, of the staff and of the employees of the colony. It is due to their loyal and devoted service that we are able to report so satisfactory a condition at the Gardner State Colony, handicapped as we are by insufficient equipment.

OWEN A. HOBAN.

THOMAS R. P. GIBB.

AMIE H. COES.

ALICE M. SPRING.

GEORGE N. HARWOOD.

THOMAS H. SHEA.

HERBERT B. HOWARD, *Chairman*.

## SUPERINTENDENT'S REPORT.

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*To the Trustees of the Gardner State Colony.*

I respectfully present herewith the nineteenth annual report of the superintendent and treasurer for the hospital year ending September 30 and the fiscal year ending November 30.

### MOVEMENT OF POPULATION.

The census on Sept. 30, 1920, was as follows: 526 men and 369 women, — a total of 895. Received during the year: 47 men and 33 women, — a total of 80. Of these, 37 were admitted for the first time, 11 were readmitted, and 32 transferred from other hospitals. The number cared for during the year was 573 men and 402 women, — a total of 975. There have been discharged during the year 24 men and 17 women, — a total of 41; and there have been removed by death 22 men and 14 women, — a total of 36. There remain, therefore, on Sept. 30, 1921, 527 men and 371 women, — a total of 898.

### FAMILY CARE DEPARTMENT.

On Sept. 30, 1920, there were 51 residing in families under our care. During the year 38 have been placed in families and 42 returned, so that on Sept. 30, 1921, we have placed in families 5 men, and 42 women, — a total of 47. Of these, 14 have been made self-supporting.

### OUT-PATIENT WORK.

We have continued to hold a clinic monthly in Fitchburg, meeting also in consultation without charge those needing advice. It is gratifying to report an increasing amount of this work; 108 different persons have been given advice and treatment recommended during the year. From the beginning of the colony we have believed that it should become a hospital in

fact for the district, co-operating in every possible way with the community, and ready at all times to meet the demands made upon it. We are pleased to note an increasing confidence in the hospital, and have noticed the changing attitude of the public toward this, a type, a kind of hospital for which people in years past have had more or less dread. Every effort is being made to make the people of the district understand that it is their hospital in which they must take an interest, and to which those who need care should come early and willingly, not a hospital operated by the State, with no connection whatever with the district, and in which the people of the district should have no interest.

#### GENERAL HEALTH.

There has been no outbreak of any contagious disease during the year, and the general health of both officers and patients has been good. It is well known that cases of pulmonary tuberculosis are reasonably numerous in State hospitals of this kind, and of those who died during the year, 13 have died of pulmonary tuberculosis. We have no facilities for isolating the active cases of tuberculosis. It is important that this should be done in the very near future.

All new arrivals, both patients and officers, are vaccinated as a preventive against smallpox, and inoculated with anti-typhoid serum which is repeated every second year. We have been fortunate in having had but one case of typhoid fever since the colony was opened in 1902.

Two years ago one-half of our patients were given anti-pneumococcus serum, the other half being retained as a control. Neither that year nor since have we seen results from this serum treatment, beneficial or otherwise.

#### DENTISTRY.

Walter M. Frizzell, D.M.D., assisted by a graduate nurse, gives entire time to work in dentistry. The following table shows the amount of work done during the year: —



<i>Operative.</i>	
Examinations . . . . .	640
Treatments:	
Of the teeth . . . . .	105
Prophylactic . . . . .	497
Stomatitis . . . . .	40
Fillings:	
Amalgam . . . . .	249
Cement . . . . .	121
Silicate . . . . .	97
Gold . . . . .	3
Fillings removed . . . . .	11
Extractions:	
General anesthesia (ether) . . . . .	28
Local (novocain) . . . . .	314
Impacted teeth removed . . . . .	2
Alveolar abscess . . . . .	14
Prosthetic dentistry:	
Plates made . . . . .	16
Gold crowns . . . . .	1
Porcelain crowns . . . . .	4
Plates repaired . . . . .	14
Bridges and crowns removed . . . . .	5
Bridges repaired . . . . .	1

#### MEDICAL STAFF.

Penelope Flett, M.D., resigned on June 25, 1921, from the position of assistant.

Maver M. Lee, M.D., was appointed junior assistant July 24, 1921, leaving Oct. 1, 1921, to return to New York.

Winfred Overholser, M.D., assistant superintendent, transferred to assistant superintendent of the Medfield State Hospital, terminated his services Oct. 8, 1921.

The vacancy in the position of assistant superintendent was filled by the appointment of Arthur N. Ball, M.D., formerly senior assistant at the Northampton State Hospital, who assumed his duties Nov. 3, 1921.

The position made vacant by the resignation of Dr. Lee has been filled by the appointment of John A. Holland, M.D., who began his work Nov. 15, 1921.

Although changes on the medical staff have occurred with considerable frequency, it is undoubtedly desirable to advance

physicians as rapidly as consistent with good work. It is not generally known among practicing physicians, or those recently graduated from the medical schools, what a fertile field for their activity is offered in our State hospitals. Were it generally understood there would be no shortage at any time. It is only a question of time when physicians will come to realize this.

A. F. Lowell, M.D., of Gardner, consulting surgeon, has continued to do our surgical work as needed; 18 major operations have been done by him during the year. Although the two buildings now used for hospitals are entirely unsuited for the purpose, it has been necessary to install a sterilizing equipment therein, and now for the first time we are able to do major surgical operations under strict aseptic conditions.

Taking of finger prints has for some years been considered, especially in connection with criminals, but in my opinion it is bound to be used in many other fields, and for the purposes of identification we have installed a finger-printing outfit, and all patients now have records kept of their finger prints. Under certain conditions we believe these may prove of value.

#### OCCUPATIONAL THERAPY.

Our interest has been continued in worth-while occupations, particularly adapted to the class and type of patients under our care. Considering the type of patient, it is far better that they should be occupied in producing articles from which they will receive benefit, rather than to concentrate our whole energy on so-called arts and crafts. Much work has been accomplished in the division of arts and crafts for those for whom it is particularly suited. I have outlined in previous reports that all vegetables, milk, eggs, poultry and pork are produced on our farm, not purchased, and all clothing, shoes and articles of wearing apparel are made in our industrial rooms. The cannery has been developed this year, and the farm has produced much for this department.

As time goes on we notice a larger number of old and infirm patients requiring infirmary or hospital care. There is need of greater interest in the lesser industries in our infirmaries, which will increase undoubtedly in size each year. With this in mind, instruction has been given three days each week during the

winter and spring months to nurses and attendants, who from now on will be expected to assist the occupational therapist even more than we have in the past.

A meeting of the departments of the occupational therapists of the various Massachusetts State hospitals was held at the colony May 19.

An exhibit of arts and crafts was sent to the Barre Agricultural Fair September 29 and 30, and a live-stock exhibit to the Gardner Fair September 15.

#### DIVERSION.

Sixteen dances for patients have been held, and 17 socials and dances for employees. There have been 7 stereopticon lectures and 17 motion picture entertainments. Christmas and Fourth of July have been suitably observed and the following entertainments held: "The Boyds," Mr. and Mrs. Ernst Henri Boyd, December 25; New Year's parties December 31 and January 1; ventriloquist and juggling act February 22; a male quartette February 27; minstrel show January 1; song recital by Miss Florence G. Hanscom, May 20; a band concert assisted by tenor soloist May 30; a May party May 8; a band concert with soloist and reader July 4. The seventh annual fair and cattle show was held September 9 and 10. There were approximately 3,500 visitors on the public day. The merry-go-round purchased by the employees from the proceeds of the fair has been much enjoyed by the patients.

We have received during the year 22 subscriptions to non-medical magazines for use on the wards. The Heywood Memorial Library of Gardner has continued to send us books for circulation free of charge. This makes rather unnecessary the building up of a library at the colony.

Our orchestra and band have furnished music on all special occasions during the year.

#### THE FARM.

Under the direction of head farmer Myron L. Marr the operation of the farm activities has been more satisfactory than in any previous year. There have been under cultivation 323 acres, as follows: garden, 50 acres; field crops, 85; upland



hay, 70; meadow, 100; orchard and small fruits, 18. There have been made ready for cultivation 130 acres. In the tables following you will find the farm report in detail:—

	Acres.
Total land under, and available for, cultivation . . . . .	437

Divided as follows:

Garden . . . . .	50
Field crops . . . . .	85
Orchards and small fruits . . . . .	18
Upland hay . . . . .	70.75
Meadow hay . . . . .	100
Pasture . . . . .	113.25

Total valuation of farm products . . . . .	\$63,965 57
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Total valuation of institution products not applicable to farm credits . . . . .	\$15,630 15
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Under the supervision of E. J. Forristall, the farm expert of the Department of Mental Diseases, potato tuber unit work has been done this year. This will prove of greater interest in years to follow, when seed from these special units will be studied closely.

At the cannery there were canned: blueberries, 740 gallons; tomatoes, 1,457 gallons; beans, 1,310 gallons; corn, 2,027 quarts. In addition to this, canning is done at all kitchen departments, as shown on page 26.

The propagation of bees has been continued with great value to crops, and 550 pounds of honey produced.

Because of the fact that tuberculosis is prevalent in our herd of cows, a pasteurizer has been installed which required also the construction of a boiler house and the installation of a high-pressure boiler. All milk is now pasteurized.

Centralization of poultry and poultry houses has been continued and with a greater profit, but has removed a desirable industry from our colony groups.

For the past three years we have been building up a flock of sheep. We now have 218 sheep and lambs, which produced 1,100 pounds of wool and 1,107 pounds of lamb for food. With our available pasturage sheep raising ought to show a good return.

A "12-20" Hyder tractor has been purchased in place of the smaller "9-16" Hyder used previously.

The ice storm of November 27 and 28 prevailing throughout Massachusetts did much damage to our young shade and orchard trees.

The table following will show the amount of lumber cut, and the next table the amount of grading and road work.

At the sawmill there were cut and sawed 50,000 feet of lumber. In addition there were —

Fence stakes . . . . .	535
Fence posts . . . . .	748
Wood (cords) . . . . .	475
Sawdust (cords) . . . . .	25
Ice (tons) . . . . .	1,200
Blueberries (quarts) . . . . .	4,064

Excavation, grading and filling were accomplished, as follows: —

Stones removed from fields (tons) . . . . .	4,450
Rocks excavated (tons) . . . . .	6,978
Earth excavated (cubic yards) . . . . .	4,118
Road building (square yards) . . . . .	27,000
Roads repaired (square yards) . . . . .	38,760
Walks repaired (square yards) . . . . .	670
Grading (square yards) . . . . .	11,876

#### SUPPLIES.

For a number of years practically all supplies of every kind have been purchased on proposals sent out to those who wish to bid, each month. There has been an increasing number of articles purchased in combination with other hospitals, a system which is extending to a majority of the major supplies used at our hospitals. No purchases of any considerable amount are made without competitive bids. As can be readily imagined, co-operative purchases of thirteen hospitals are so large that all the benefits of large purchases are obtained by such combination.

#### IMPROVEMENTS.

Two hundred feet of subway extension for steam and electric lines were completed.

The assembly and recreation building, under construction last

year, has been completed, and furnishes us a place for entertainment and recreation such as we have never had before. In this new building the basement has been fitted up as a rest, lounging and reading room for the employees, with bowling alleys, pool tables, smoke room, lunch and candy counter, and has already shown that it is going to do very much indeed toward better contentment of our people. The hall upstairs will seat 500, whereas before the largest room we have had in which to gather has been a ward sitting room. In this assembly room we will now be able to have entertainments and religious services for as many as care to gather together. Instruction, games, drills and exercises will be carried on here under medical supervision.

A building for disturbed men, under construction last year, is nearing completion.

The appropriation for extension of a 6-inch water main to the Gardner Cottages proved insufficient, and on Jan. 5, 1921, the contractor turned the work over to us to finish, with 1,015 feet of trench not dug, 400 feet one-half dug, and 2,150 feet of pipe to place and lay. This work has been carried through to completion with our own force.

An employee's bungalow has been completed and is occupied by our chief engineer and family.

A piggery for breeding purposes, 60 feet in length, has been completed, and a similar one is now under construction, which, owing to the weather, will not be completed this year.

A vegetable storage cellar at the receiving group has been completed to the point of putting on the roof which cannot be done at this time of the year.

The new paint shop has been completed and is now occupied.

#### SPECIAL APPROPRIATIONS RECOMMENDED.

The following special recommendations have been submitted to the Department of Mental Diseases:—

1. *Hospital for 75*.—I cannot urge too strongly the need of such a building. We are now using two wooden buildings built for an entirely different purpose, fire traps, housing only 18 each, and in these, because of shortage in other buildings, are housed 8 employees, a place in which employees should never be permitted to live. At the present time we have no suitable

building to which new cases can be admitted, in which cases a suitable hospital atmosphere is so essential. I feel so strongly that this building should be constructed without delay that I would urge that if necessary no other construction of any kind be attempted this year, but that we have this hospital building.

2. *A Laundry Building.*—This has been advocated for several years. The laundry now takes up space badly needed for dining rooms. The mangle and dryers are in rooms in which it is not at all suitable that men should work, because of the intense heat and lack of ventilation. System in our laundry is decidedly lacking, and will be until larger space allows for marking, sorting and distribution.

3. *Machine Shop Addition.*—At present the mechanics have no place in which to keep their tools or stock except the room intended for an engine room, which room will be needed if a new generator is installed.

4. *Farm Barn at Belcher Cottage.*—Our herd has increased in size to a point where we have insufficient room for them. The problem of segregating the young stock from the rest of the cattle also requires still more room, and only temporarily can we provide for them at outlying cottage barns. In such a barn a dairy should be provided.

5. *Employees' Cottage.*—We now have three cottages for employees, each housing 12. In our quota of employees are allowed some five that we cannot employ, as we have no living rooms for them. In addition, several live in Gardner and work at the colony and return to Gardner at night. An employees' cottage is badly needed. If the hospital building is provided, then the two buildings used as hospitals could be used as employees' cottages and this item omitted.

6. *Water Supply.*—As our supply is limited at its source, some very definite provision should be made this year, either in the way of obtaining a new source, or purchasing from the town of Ashburnham. Something should be done.

7. *Group for 50 Male Patients.*—Recommended if increase in numbers makes it necessary to provide further accommodations. A building of the cottage type can be constructed here at a very nominal cost.

8. *Group for 50 Female Patients.*—Our organization permits

of extension at this time without materially increasing the number of employees other than attendants. The size of the tract of land here will permit growth to an institution several times the size of the present one, with attendant lowering of administrative costs.

#### IMPROVEMENTS RECOMMENDED.

1. Fabricated steel towers to carry our electric and telephone wires across the Fitchburg Division Railroad are demanded by the railroad company. We now have wires crossing on wooden poles in three places, and it is not considered safe.

2. *Electric Power.* — We have had a contract with the Connecticut River Power Company for the past ten years. This expires in 1922, and either should be renewed, or a larger generator installed in our power plant.

3. The road to Gardner,  $2\frac{1}{2}$  miles in length, being in bad condition, should be remade, the State and town to divide the cost equally.

4. Extension at the source of our water supply should be made or provision made for the purchase of water. At the present time there is not enough water at the source as developed to supply our needs during dry periods.

5. Subway work should be continued to provide for renewing steam, water and electric lines.

6. A brick or stone garage for housing cars of the State should be erected, as they are now housed in a wooden building which is a decidedly improper place because of the danger of fire.

7. The water pipe line for general and fire service should be extended at the receiving group, at the Gardner Cottage group, and at the Wachusett Cottage.

8. Verandas and additional toilet facilities on our men's and women's infirmaries should be provided. At the present time we have large numbers of patients in these two buildings of all classes, — those acutely ill who have just come for treatment, those who are disturbed, the demented and untidy and those who are recovering. A mixture of so many classes should not be allowed to continue. These buildings, however, are so constructed that with toilet facilities and verandas, at only a moderate expense, classification could more easily be carried out.



## ACKNOWLEDGMENTS.

I would gratefully acknowledge the receipt of magazines from Mrs. G. R. Godfrey, Gardner, Mrs. Roy Mayo, Gardner, T. J. Grant, D.M.D., Gardner; films for motion pictures loaned by the General Electric Company, Lynn; anatomical collection, Mrs. George M. Underwood, Gardner; playing cards, Mrs. Amie H. Coes, Worcester; subscriptions to 8 weekly and monthly magazines, Mrs. Amie H. Coes, Worcester; plants for the greenhouse, Homer Gage, M.D., Worcester; magazines, Mr. J. S. Ames, Gardner; book, Miss Lila Leitch, Gardner; copies of the "Christian Science Monitor," The First Church of Christ, Scientist, Leominster; magazines, Ridgley Club, Gardner; magazines, Mrs. J. E. Taylor, Gardner.

Concluding, I would like to add that perhaps one of the greatest assets any hospital can possess is a corps of loyal assistants. These we have in every department, and I am pleased to express my appreciation of this. Nothing in my opinion serves more to insure the welfare of the patients intrusted to a superintendent's care than a true spirit of co-operation among the employees, into whose immediate care they are placed. Co-operation appears to be the aim of our officers and employees, and I urge upon them that every effort be made to further this spirit.

To the Trustees I cannot adequately express my appreciation of their support and assistance. The co-operation seen among the employees has always received its inspiration from the Board of Trustees.

Respectfully submitted,

CHARLES E. THOMPSON,

*Superintendent.*

## INDUSTRIAL DEPARTMENT.

## WORK DONE BY WOMEN.

Abdominal belts . . . . .	18	Hoods, knit . . . . .	3
Aprons, crêpe paper . . . . .	11	Hospital shirts . . . . .	63
Aprons . . . . .	559	Hose (pair) . . . . .	4,560
Apron pads, ticking . . . . .	20	Insertion (yards) . . . . .	20
Bags, laundry . . . . .	304	Jackets, crocheted . . . . .	2
Baskets, reed . . . . .	107	Jardinières, raffia . . . . .	10
Basket, pine needle . . . . .	1	Jonquils, crêpe paper (dozen) . . . . .	10
Bead necklaces, woven . . . . .	2	Lace (yards) . . . . .	286
Bead pendant, woven . . . . .	1	Luncheon sets . . . . .	6
Bed puffs, silk . . . . .	2	Luncheon cloth . . . . .	1
Bed slippers (pairs) . . . . .	2	Mittens (pairs) . . . . .	1,077
Bedspreads . . . . .	196	Morning glories, crêpe paper (dozen) . . . . .	5
Bibs . . . . .	126	Muff, wool knit . . . . .	1
Blankets . . . . .	182	Napkins, hemmed . . . . .	267
Blouse, wool . . . . .	1	Napkin rings, crocheted . . . . .	10
Blouses, crêpe paper . . . . .	5	Nightgowns . . . . .	322
Burial robes . . . . .	14	Oil paintings . . . . .	10
Butterflies, crêpe paper (dozen) . . . . .	3	Overalls and jumpers . . . . .	1,255
Caps, crêpe paper . . . . .	19	Palm leaf hats, braided . . . . .	35
Caps, men's . . . . .	359	Petticoats and skirts . . . . .	835
Caps, bakery and dairy . . . . .	30	Pillow tops . . . . .	13
Candlesticks, reed . . . . .	12	Pillow slips . . . . .	524
Centerpieces, embroidered . . . . .	43	Pin cushions, embroidered . . . . .	10
Chemises . . . . .	297	Pin trays, raffia . . . . .	2
Clay modeling (pieces) . . . . .	50	Plain woven mat (yards) . . . . .	55
Coats, lined and buttonholed . . . . .	115	Pockets in coats . . . . .	324
Coats, bakery and dairy . . . . .	36	Poppies, yellow, crêpe paper . . . . .	500
Coin purses, tooled leather . . . . .	2	Poinsettias, large, crêpe paper (dozen) . . . . .	5
Collars, tatted and embroidered . . . . .	7	Poinsettias, small, crêpe paper . . . . .	33
Combination suits . . . . .	12	Roses, crêpe paper (dozen) . . . . .	14
Corset covers . . . . .	6	Runner ends, crocheted (pairs) . . . . .	1
Couch tick . . . . .	1	Rugs, braided, hooked and woven . . . . .	336
Covers, various kinds . . . . .	254	Sandwich trays, reed . . . . .	5
Curtains, embroidered and woven (pairs) . . . . .	87	Sashes, crêpe paper . . . . .	11
Dental cases . . . . .	2	Scarfs, shawls and sweaters . . . . .	21
Doilies, embroidered and woven . . . . .	268	Serving trays, reed . . . . .	58
Dolls clothes, set of . . . . .	1	Sheets . . . . .	1,585
Dresses . . . . .	520	Shirts, men's outing . . . . .	404
Easter lilies, crêpe paper (dozen) . . . . .	5	Shoe and slipper tops . . . . .	706
Flags, State . . . . .	4	Surgeon gowns . . . . .	13
Gloves (pairs) . . . . .	8	Suspenders . . . . .	290
Hats, crêpe paper . . . . .	5	Table cloths, hemmed . . . . .	14
Holders . . . . .	234	Tatting (yards) . . . . .	10
Honeysuckle mat (yards) . . . . .	34		

Ties, silk . . . . .	557	Vests, men's . . . . .	84
Toast cases, embroidered . . . . .	4	Waists . . . . .	6
Towels, hemmed . . . . .	6,873	Warp, colored (pounds) . . . . .	8
Trays, reed . . . . .	10	Water-color paintings . . . . .	25
Trousers (pairs) . . . . .	320	Water-colored cards (dozen) . . . . .	2
Tumbler coasters, reed . . . . .	10	Wax beads (strings) . . . . .	2
Underdrawers, men's and women's . . . . .	1,630	Window shades, stitched . . . . .	10
Undervests, men's and women's . . . . .	1,705	Wooden paper knives . . . . .	5
Vases, reed . . . . .	29	Yokes, crocheted . . . . .	45

*Mending.*

Aprons . . . . .	435	Miscellaneous pieces . . . . .	97
Bags . . . . .	102	Mittens . . . . .	26
Bed slippers . . . . .	4	Napkins . . . . .	11
Bedspreads . . . . .	130	Nightgowns . . . . .	252
Bibs . . . . .	140	Overalls and jumpers . . . . .	1,799
Blankets . . . . .	120	Petticoats . . . . .	461
Caps . . . . .	6	Pillow slips . . . . .	218
Chemises . . . . .	350	Rugs . . . . .	73
Coats . . . . .	458	Sheets . . . . .	430
Corsets . . . . .	12	Shirts . . . . .	1,355
Corset covers . . . . .	8	Shirt waists . . . . .	17
Covers . . . . .	128	Sweaters . . . . .	17
Curtains . . . . .	19	Ties . . . . .	11
Dresses . . . . .	597	Towels . . . . .	29
Hats . . . . .	12	Trousers . . . . .	897
Holders . . . . .	18	Underwear . . . . .	3,531
Hose . . . . .	8,664		

## WORK DONE BY MEN.

*Furniture Department (New Work).*

Baskets, reed . . . . .	22	Peg boards for mental test . . . . .	50
Belts, sewing machine . . . . .	3	Record boxes . . . . .	3
Bureaus . . . . .	6	Rockers, small rattan . . . . .	12
Chairs . . . . .	52	Rolls, shades . . . . .	21
Coaster trays . . . . .	12	Scarf frame . . . . .	1
Costumers . . . . .	5	Shades . . . . .	76
Desks . . . . .	4	Tables, folding 38 by 72 inches . . . . .	4
Gags . . . . .	30	Tray bottoms . . . . .	97
Mirrors . . . . .	10	Warp board . . . . .	1
Needles, sewing machine . . . . .	2	Wastebaskets, reed . . . . .	24
Pedestal and basket, reed . . . . .	1	Wheelbarrow handles . . . . .	65

*Furniture Department (Repairs).*

Andirons, wood . . . . .	1	Chairs . . . . .	181
Baker loom . . . . .	1	Chiffoniers . . . . .	5
Baskets . . . . .	4	Clocks . . . . .	17
Benches . . . . .	2	Clock door . . . . .	1
Billiard cues . . . . .	40	Clothes basket . . . . .	1
Book case . . . . .	1	Couch, rattan . . . . .	1
Brushes . . . . .	2	Couch bed . . . . .	1
Bureaus . . . . .	2	Drawers . . . . .	7



Dresser . . . . .	1	Shades . . . . .	37
Flags repaired . . . . .	43	Shears and knives sharpened . . . . .	119
Frames made . . . . .	12	Spinning wheel . . . . .	1
Locks repaired . . . . .	3	Stepladder . . . . .	1
Looms, set up . . . . .	2	Stools . . . . .	4
Machine belts tightened . . . . .	4	Swabs . . . . .	43
Mat frame horse . . . . .	1	Tables . . . . .	28
Piano stool . . . . .	1	Tassel hooks . . . . .	30
Rockers . . . . .	113	Vegetable brush heads . . . . .	100
Screen . . . . .	1	Victrolas . . . . .	13
Settees . . . . .	14	Wheelbarrows . . . . .	124
Sewing machines . . . . .	11		

*Shoe Department.*

Brogans (men's) . . . . .	282	Miscellaneous . . . . .	16
Cloth shoes (men's dress) . . . . .	2	Rubber heels (officers') . . . . .	304
Cloth slippers (women's) . . . . .	25	Rubbers repaired . . . . .	114
Felts repaired . . . . .	128	Shoes repaired (officers') . . . . .	581
Harnesses repaired . . . . .	239	Shoes and slippers repaired (men's) . . . . .	990
Leather mittens cut . . . . .	1,132	Shoes and slippers repaired (women's) . . . . .	217
Leather shoes (men's) . . . . .	288	Slippers (men's) . . . . .	146
Leather shoes (women's) . . . . .	144		
Mattress leather cut (feet) . . . . .	47,900		
Mittens sewed . . . . .	1,132		

*Tailoring Department.*

Caps cut . . . . .	622	Nightshirts (men's) . . . . .	212
Caps pressed . . . . .	580	Outside shirts cut (men's) . . . . .	544
Chemises cut . . . . .	272	Reefers cut . . . . .	19
Clothes repaired (officers') . . . . .	1,187	Trousers cut . . . . .	456
Clothes repaired (patients') . . . . .	2,440	Underwear cut (women's) . . . . .	1,644
Coats made . . . . .	474	Underwear cut (men's) . . . . .	1,552
Dresses cut . . . . .	521	Vests cut . . . . .	13
Jumpers and overalls cut . . . . .	1,234	Vests pressed . . . . .	42
Nightgowns cut (women's) . . . . .	226		

*Textile Department.*

Bedsread material, woven (yards) . . . . .	612	Mitten wristers, knitted (pairs) . . . . .	453
Brushes, tail and mane . . . . .	49	Mop handles . . . . .	5
Brushes, hopper . . . . .	51	Overall material, woven (yards) . . . . .	3,424
Brushes, floor . . . . .	10	Pillows (officers') . . . . .	9
Brushes, vegetable . . . . .	121	Pillows (patients') . . . . .	55
Brushes, scrub . . . . .	41	Printing, pieces . . . . .	73,392
Brushes, long-handle . . . . .	80	Stockings (women's), knitted (pairs) . . . . .	57
Brushes, counter . . . . .	15	Stockings (men's), knitted (pairs) . . . . .	365
Blanket material (officers') . . . . .	205	Shirting, woven (yards) . . . . .	5,186
Blanket material (patients') . . . . .	238	Toweling (patients'), woven (yards) . . . . .	4,258
Brooms, barn . . . . .	90	Toweling (officers'), woven (yards) . . . . .	1,416
Brooms, house . . . . .	348	Underwear material, knitted (yards) . . . . .	5,157
Curtain material, woven (yards) . . . . .	289	Underwear wristers, knitted (yards) . . . . .	1,346
Mats . . . . .	54		
Mattresses (officers' double) . . . . .	12		
Mattresses (officers' single) . . . . .	9		
Mattresses (patients') . . . . .	83		

## DOMESTIC DEPARTMENT.

## MANUFACTURED.

Soap, hard and soft (pounds) . . . . . 4,100

## PICKLES, PRESERVES, ETC.

Beans, string (gallons) . . . . .	1,403	Peaches (quarts) . . . . .	11
Beans, shell (quarts) . . . . .	74	Pears (quarts) . . . . .	538
Beets (quarts) . . . . .	52	Peas (quarts) . . . . .	133
Beets, pickled (quarts) . . . . .	8	Peppers (quarts) . . . . .	30
Blackberries (quarts) . . . . .	613	Pepper relish (quarts) . . . . .	23
Blueberries (quarts) . . . . .	4,105	Piccalilli (quarts) . . . . .	153
Carrots (quarts) . . . . .	7	Pickle, mustard (quarts) . . . . .	27
Cauliflower (quarts) . . . . .	3	Pickle, sweet tomato (quarts) . . . . .	40
Cherries (quarts) . . . . .	13	Pickle, cucumber (quarts) . . . . .	532
Chili sauce (quarts) . . . . .	39	Pickle, onion (quarts) . . . . .	13
Chowchow (quarts) . . . . .	33	Pickle, sliced tomato (quarts) . . . . .	133
Corn (quarts) . . . . .	2,142	Plums (quarts) . . . . .	28
Fruit syrups (quarts) . . . . .	12	Raspberries (quarts) . . . . .	203
Jams (quarts) . . . . .	7	Rhubarb (quarts) . . . . .	278
Jellies (quarts) . . . . .	96	Strawberries (quarts) . . . . .	263
Ketchup, tomato (quarts) . . . . .	15	Swiss chard (quarts) . . . . .	394
Melon preserve (quarts) . . . . .	2	Tomatoes (quarts) . . . . .	6,249
Mincemeat (quarts) . . . . .	69		

## PRODUCTS OF FARM.

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Milk, quarts, 226,514.5, at \$0.10 . . . . .	\$22,651 45
Eggs, dozen, 1,854 $\frac{1}{4}$ , at \$0.85 . . . . .	1,576 11
Eggs, dozen, 3,865.5, at \$0.50 . . . . .	1,932 75
Asparagus, boxes, 1, at \$6 . . . . .	6 00
Beans, dry, bushels, 101.4, at \$5.50 . . . . .	557 70
Beans, shell, bushels, 98, at \$1 . . . . .	98 00
Beans, string, bushels, 474, at \$1.50 . . . . .	711 00
Beets, bushels, 787, at \$0.75 . . . . .	590 25
Beet greens, 103.6, at \$0.45 . . . . .	46 62
Cabbage, hundredweight, 314.26, at \$0.85 . . . . .	267 12
Carrots, bushels, 1,151.4, at \$1.40 . . . . .	1,611 96
Cauliflower, bushels, 75, at \$1 . . . . .	75 00
Celery, boxes, 357.5, at \$1.25 . . . . .	446 88
Chard, bushels, 774.5, at \$0.45 . . . . .	348 53
Corn, bushels, 807.7, at \$0.90 . . . . .	726 93
Cucumbers, bushels, 164, at \$2 . . . . .	328 00
Dandelions, bushels, 32, at \$1 . . . . .	32 00
Lettuce, boxes, 5,797, at \$0.25 . . . . .	1,449 25
Mangels, bushels, 879.5, at \$0.195 . . . . .	171 50
Onions, bushels, 784.4, at \$1.50 . . . . .	1,176 60
Parsley, bushels, 10, at \$0.35 . . . . .	3 50
Parsnips, bushels, 130.9, at \$1.50 . . . . .	196 35
Peas, green, bushels, 175.8, at \$2.50 . . . . .	439 50
Peppers, bushels, 8.1, at \$0.90 . . . . .	7 29
Potatoes, bushels, 4,839.2, at \$1.15 . . . . .	5,565 09
Potatoes, bushels, 110.35, at \$1.80 . . . . .	198 63
Pumpkins, hundredweight, 176.09, at \$1.50 . . . . .	265 04
Radishes, bushels, 99.7, at \$0.75 . . . . .	74 78
Scallions, bushels, 8.4, at \$0.75 . . . . .	6 30
Spinach, bushels, 6, at \$0.50 . . . . .	3 00
Squash, summer, hundredweight, 43.45, at \$2 . . . . .	86 90
Squash, winter, hundredweight, 89.65, at \$3 . . . . .	268 95
Tomatoes, bushels, 596, at \$1 . . . . .	596 00
Turnips, bushels, 1,314, at \$0.75 . . . . .	985 50
Apples, bushels, 10, at \$3.50 . . . . .	35 00
Blackberries, quarts, 526, at \$0.30 . . . . .	157 80
Currants, quarts, 145, at \$0.15 . . . . .	21 75
Cherries, quarts, 16, at \$0.20 . . . . .	3 20
Pears, bushels, 160.8, at \$1 . . . . .	160 80

Peaches, bushels, 1.5, at \$1 . . . . .	\$1 50
Rhubarb, pounds, 1,601, at \$0.02 . . . . .	32 02
Raspberries, quarts, 413, at \$0.25 . . . . .	103 25
Strawberries, quarts, 787, at \$0.25 . . . . .	196 75
Honey, pounds, 353, at \$0.30 . . . . .	105 90
Beef, pounds, 5,492, at \$0.29 . . . . .	1,633 25
Mutton, pounds, 1,107, at \$0.32 . . . . .	354 24
Chicken, pounds, 2,776, at \$0.45 . . . . .	1,249 20
Fowl, pounds, 1,509, at \$0.40 . . . . .	603 60
Pork, pounds, 25,221½, at \$0.15 . . . . .	3,783 23
Rabbit, pounds, 125, at \$0.45 . . . . .	56 25
Veal, pounds, 1,726, at \$0.25 . . . . .	431 50
Ensilage, tons, 300, at \$6.50 . . . . .	1,950 00
Hay, tons, 102.75, at \$22 . . . . .	2,260 50
Hay, alfalfa, tons, 7, at \$22 . . . . .	154 00
Hay, meadow, tons, 20, at \$14 . . . . .	280 00
Hay, timothy, tons, 12.5 at \$22 . . . . .	275 00
Hay, oats and millet, tons, 3, at \$15 . . . . .	45 00
Fodder, oats and peas, tons, 66.5, at \$6.50 . . . . .	432 25
Fodder, millet, tons, 7, at \$6.50 . . . . .	45 50
Fodder, corn, tons, 25.25, at \$5 . . . . .	126 25
Fodder, grass, tons, 14, at \$5 . . . . .	70 00
Fodder, rye, tons, 5.3, at \$5 . . . . .	26 50
Fodder, barley, tons, 5.25, at \$7 . . . . .	36 75
Fodder, oat straw, tons, 3.5, at \$12 . . . . .	42 00
Rowen, tons, 7.75, at \$20 . . . . .	155 00
Manure, tons, 1,682.85, at \$2 . . . . .	3,365 90
Hides, pounds, 1,124.5, at \$0.40 . . . . .	449 80
Wool, pounds, 1,101, at \$0.80 . . . . .	880 80
Oats, bushels, 83, at \$0.70 . . . . .	58 10
Plants, potted, 4,000, at \$0.20 . . . . .	800 00
Sheep pelts, 33, at \$2.50 . . . . .	82 50
Lumber, chestnut, feet, 30,000, at \$0.06 . . . . .	1,800 00
Lumber, natural pine, feet, 10,000, at \$0.07 . . . . .	700 00
Lumber, spruce, feet, 5,000, at \$0.065 . . . . .	325 00
Lumber, natural hardwood, feet, 5,000, at \$0.09 . . . . .	450 00
Wood, cords, 475, at \$10 . . . . .	4,750 00
Posts, fence, 748, at \$0.25 . . . . .	187 00
Sawdust, cords, 25, at \$1 . . . . .	25 00
Stakes, fence, 535, at \$0.05 . . . . .	26 75
Stone, tons, 200, at \$1.50 . . . . .	300 00
Ice, tons, 1,200, at \$5.50 . . . . .	6,600 00

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Total farm products . . . . .	\$79,189 32
Blueberries, wild . . . . .	406 40

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\$79,595 72

## VALUATION.

Nov. 30, 1921.

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REAL ESTATE.

Land (1,848 acres)	\$36,850 00
Buildings	586,058 55

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\$622,908 55

## PERSONAL PROPERTY.

Travel	\$500 00
Food	7,759 61
Clothing and materials	21,552 58
Furnishings and household supplies	92,435 98
Medical and general care	2,882 58
Heat, light and power	13,581 56
Farm	36,690 51
Garage, stable and grounds	4,424 29
Repairs	13,989 82

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\$193,816 93

## SUMMARY.

Real estate	\$622,908 55
Personal property	193,816 93

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\$816,725 48

## TREASURER'S REPORT.

*To the Commissioner of the Department of Mental Diseases.*

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1921:—

CASH ACCOUNT.	
Balance Dec. 1, 1920 . . . . .	\$18,918 17
<i>Receipts.</i>	
<i>Income.</i>	
Board of inmates:	
Private . . . . .	\$3,164 83
Reimbursements, insane . . . . .	3,383 35
	<u>\$6,548 18</u>
Personal services:	
Reimbursement from Board of Retirement . . . . .	32 37
Sales:	
Travel, transportation and office expenses . . . . .	\$6 23
Food . . . . .	2,470 09
Clothing and materials . . . . .	638 82
Furnishings and household supplies . . . . .	59 01
Medical and general care . . . . .	15
Farm:	
Pigs (Guinea) . . . . .	\$132 25
Meat . . . . .	19 82
Eggs . . . . .	43 41
Milk . . . . .	176 37
Wood . . . . .	30 00
Vegetables and berries . . . . .	2 90
Blacksmithing . . . . .	6 25
	<u>411 00</u>
Garage, stable and grounds . . . . .	1 60
Repairs, ordinary . . . . .	73 82
Arts and crafts sales . . . . .	1,639 49
	<u>5,300 21</u>
Miscellaneous:	
Interest on bank balances . . . . .	635 23
Department of Animal Industry, account of cattle . . . . .	65 00
	<u>12,580 99</u>
Other receipts:	
Refunds of previous year . . . . .	51 61
Amount carried forward . . . . .	<u>\$31,550 77</u>

*Amount brought forward* . . . . . \$31,550 77

*Receipts from Treasury of Commonwealth.*

Maintenance appropriations:

Balance of 1920 . . . . .	\$4,416 69	
Advance money (amount on hand November 30) . . . . .	20,000 00	
Approved schedules of 1921 . . . . .	283,535 89	
	<hr/>	307,952 58
Special appropriations . . . . .		37,680 92
		<hr/>
Total . . . . .		\$377,184 27

*Payments.*

To treasury of Commonwealth:

Institution income . . . . .	\$12,580 99	
Refunds account of maintenance, \$32.03; account of special appropriations, \$191.83 . . . . .	223 86	
Refunds of previous year . . . . .	51 61	
	<hr/>	\$12,856 46

Maintenance appropriations:

Balance of schedules of previous year . . . . .	\$23,334 86	
Eleven months' schedules, 1921 . . . . .	\$283,535 89	
Less returned . . . . .	32 03	
	<hr/>	283,503 86
November advances . . . . .	7,774 46	
	<hr/>	314,613 18

Special appropriations:

Approved schedules . . . . .	\$37,680 92	
Less returned . . . . .	191 83 <sup>1</sup>	
	<hr/>	
Less advances, last year's report . . . . .		37,489 09

Balance, Nov. 30, 1921:

In bank . . . . .	\$9,540 45	
In office . . . . .	2,685 09	
	<hr/>	12,225 54
		<hr/>
Total . . . . .		\$377,184 27

MAINTENANCE.

Balance from previous year, brought forward . . . . .	\$157 46
Appropriation, current year . . . . .	347,300 00
	<hr/>
Total . . . . .	\$347,457 46
Expenses (as analyzed below) (\$309,607.08 less \$32.03 refunded) . . . . .	309,575 05
	<hr/>
Balance reverting to treasury of Commonwealth . . . . .	\$37,882 41

<sup>1</sup> There were also refunds of \$115 that came through the Commissioner of Mental Diseases, and did not go through institution cash.



*Analysis of Expenses.*

## Personal services:

Charles E. Thompson, M.D., superintendent . . . . .	\$3,900 00	
Medical . . . . .	6,973 77	
Administration . . . . .	7,424 64	
Kitchen and dining-room service . . . . .	13,385 57	
Domestic . . . . .	10,083 54	
Ward service (male) . . . . .	26,400 81	
Ward service (female) . . . . .	19,113 76	
Industrial and educational department . . . . .	7,376 36	
Engineering department . . . . .	12,340 62	
Repairs . . . . .	7,743 19	
Farm . . . . .	15,739 03	
Stable, garage and grounds . . . . .	2,711 68	
		<hr/>
		\$133,192 97

## Religious instruction:

Catholic . . . . .	\$646 25	
Hebrew . . . . .	309 75	
Protestant . . . . .	304 75	
		<hr/>
		1,260 75

## Travel, transportation and office expenses:

Advertising . . . . .	\$22 73	
Postage . . . . .	477 48	
Printing and binding . . . . .	222 48	
Printing annual report . . . . .	224 02	
Stationery and office supplies . . . . .	615 22	
Telephone and telegraph . . . . .	893 90	
Travel . . . . .	1,144 81	
Premium on official bonds . . . . .	52 47	
		<hr/>
		3,653 11

## Food:

Flour . . . . .	\$7,893 86	
Cereals, rice, meal, etc. . . . .	1,600 63	
Bread, crackers, etc. . . . .	664 46	
Peas and beans (canned and dried) . . . . .	493 68	
Macaroni and spaghetti . . . . .	226 84	
Potatoes . . . . .	39 54	
Meat . . . . .	12,899 13	
Fish (fresh, cured and canned) . . . . .	2,783 49	
Butter . . . . .	2,460 17	
Butterine, etc. . . . .	3,093 76	
Cheese . . . . .	287 35	
Coffee . . . . .	382 88	
Coffee substitutes . . . . .	428 32	
Tea . . . . .	498 68	
Cocoa . . . . .	8 61	
Egg powders, etc. . . . .	48 77	
Sugar (cane) . . . . .	2,178 59	
Fruit (fresh) . . . . .	1,834 95	
Fruit (dried and preserved) . . . . .	373 74	
Lard and substitutes . . . . .	781 14	
Molasses and syrups . . . . .	296 37	

<i>Amounts carried forward . . . . .</i>	\$39,274 96	<hr/>	\$138,106 83
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<i>Amounts brought forward</i> . . . . .	\$39,274 96	\$138,106 83
Food — <i>Con.</i>		
Vegetables (fresh) . . . . .	5 34	
Vegetables (canned and dried) . . . . .	11 20	
Seasonings and condiments . . . . .	698 21	
Yeast, baking powder, etc. . . . .	478 00	
Freight (miscellaneous food) . . . . .	5 00	
	<hr/>	40,472 71
Clothing and materials:		
Boots, shoes and rubbers . . . . .	\$1,093 32	
Clothing (outer) . . . . .	3,006 04	
Clothing (under) . . . . .	291 15	
Dry goods for clothing . . . . .	2,979 70	
Leather and shoe findings . . . . .	3,040 61	
Machinery for manufacturing . . . . .	29 99	
Socks and smallwares . . . . .	755 17	
	<hr/>	11,195 98
Furnishings and household supplies:		
Beds, bedding, etc. . . . .	\$5,305 99	
Carpets, rugs, etc. . . . .	380 48	
Crockery, glassware, cutlery, etc. . . . .	1,566 08	
Dry goods and smallwares . . . . .	1,200 95	
Electric lamps . . . . .	750 01	
Fire hose and extinguishers . . . . .	392 00	
Furniture, upholstery, etc. . . . .	1,960 52	
Kitchen and household wares . . . . .	3,771 05	
Laundry supplies and materials . . . . .	1,183 60	
Lavatory supplies and disinfectants . . . . .	302 60	
Machinery for manufacturing . . . . .	515 82	
Table linen, paper napkins, towels, etc. . . . .	716 00	
	<hr/>	18,045 10
Medical and general care:		
Books, periodicals, etc. . . . .	\$164 29	
Entertainments, games, etc. . . . .	1,562 43	
Funeral expenses . . . . .	230 00	
Gratuities . . . . .	146 97	
Ice and refrigeration . . . . .	166 07	
Laboratory supplies and apparatus . . . . .	998 82	
Medicines (supplies and apparatus) . . . . .	1,121 21	
Medical attendance (extra) . . . . .	370 00	
Patients boarded out . . . . .	5,284 14	
Return of runaways . . . . .	90 17	
Tobacco, pipes, matches . . . . .	1,959 53	
	<hr/>	12,093 63
Heat, light and power:		
Coal (bituminous) . . . . .	\$23,265 85	
Coal (screenings) . . . . .	107 46	
Coal (anthracite) . . . . .	7,385 49	
Electricity . . . . .	3,190 25	
Oil . . . . .	57 47	
Operating supplies for boilers and engines . . . . .	252 13	
	<hr/>	34,258 65
<i>Amount carried forward</i> . . . . .		\$254,172 90

<i>Amount brought forward</i>		\$254,172 90
<b>Farm:</b>		
Bedding materials	\$689 71	
Blacksmithing and supplies	497 15	
Carriages, wagons and repairs	176 41	
Dairy equipment and supplies	266 88	
Fencing materials	420 30	
Fertilizers	2,923 12	
Grain, etc.	12,198 01	
Hay	3,545 99	
Harnesses and repairs	311 89	
Horses	725 00	
Bull	500 00	
Other live stock	187 31	
Labor (not on pay roll)	49 00	
Road work and materials	78 50	
Spraying materials	160 87	
Stable and barn supplies	113 87	
Tools, implements, machines, etc.	2,481 31	
Trees, vines, seeds, etc.	1,149 81	
Veterinary services, supplies, etc.	451 64	
Freight (bee hives)	39 65	
Lumber for calf pens	200 30	
Lime	553 13	
		<hr/>
		27,719 85
<b>Garage, stable and grounds:</b>		
Motor vehicles	\$1,500 00	
Automobile repairs and supplies	3,574 80	
Blacksmithing and supplies	113 20	
Carriages, wagons and repairs	10 50	
Fertilizers	72 00	
Harnesses and repairs	33 85	
Rent	6 16	
Road work and materials	65 85	
Spraying materials	68 75	
Tools, implements, machines, etc.	400 11	
Trees, vines, seeds, etc.	105 38	
		<hr/>
		5,950 60
<b>Repairs, ordinary:</b>		
Cement, lime, crushed stone, etc.	\$1,455 78	
Electrical work and supplies	1,630 81	
Hardware, iron, steel, etc.	1,623 21	
Labor (not on pay roll)	233 67	
Lumber, etc. (including finished products)	721 05	
Paint, oil, glass, etc.	2,128 44	
Plumbing and supplies	1,073 01	
Roofing and materials	65 81	
Steam fittings and supplies	1,699 25	
Tents, awnings, etc.	47 65	
Tools, machines, etc.	535 65	
Boilers, repairs	804 61	
Dynamos, repairs	282 87	
Engines, repairs	33 55	
		<hr/>
		12,335 36
<i>Amount carried forward</i>		\$300,178 71

*Amount brought forward* . . . . . \$300,178 71

## Repairs and renewals:

Employees bungalow . . . . .	\$1,813 12
Coal trestle . . . . .	612 34
Hog houses . . . . .	1,818 72
Paint shop . . . . .	1,347 23
Extension of water line . . . . .	823 68
Circulating hot water . . . . .	2,981 25
	<hr/> 9,396 34

Total expenses for maintenance . . . . . \$309,575 05

## SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1920 . . . . .	\$37,362 25
Appropriations for current year . . . . .	120 00

Total . . . . . \$37,482 25

Expended during the year (see statement below) . \$37,374 09

Reverting to treasury of Commonwealth . . . 108 16

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37,482 25

Balance Nov. 30, 1921, carried to next year . . . . . —

OBJECT.	Act or Resolve.	Whole Amount.	Ex- pended during Fiscal Year.	Total expended to Date.	Balance at End of Year.
Changes in heating plant .	Chap. 50, Res. 1918 .	\$5,500 00	\$89 31	\$5,461 43	\$38 57 <sup>1</sup>
Assembly hall and chapel {	Chap. 211, S. Acts 1919	44,574 00	19,727 67 <sup>2</sup>	44,534 78	39 22 <sup>1</sup>
	Chap. 629, Acts 1920 .				
Building for disturbed men. {	Chap. 211, S. Acts 1919	11,500 00	1,403 33	11,470 05	29 95 <sup>1</sup>
	Chap. 629, Acts 1920 .				
Underpass . . . . .	Chap. 211, S. Acts 1919	12,000 00	12,000 00	12,000 00	—
Water supply . . . . . {	Chap. 629, Acts 1920 .	10,000 00	4,153 78	10,119 58	42 <sup>1</sup>
	Chap. 501, Acts 1921 .	120 00			
		<hr/> \$83,694 00	<hr/> \$37,374 09	<hr/> \$83,585 84	<hr/> \$108 16 <sup>1</sup>

<sup>1</sup> Balance reverting to treasury of the Commonwealth.

<sup>2</sup> Includes refunds of \$115 handled through the Department of Mental Diseases.

## RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand . . . . .	\$12,225 54
November cash vouchers (paid from advance money), account of maintenance . . . . .	7,774 46
	<hr/> \$20,000 00

Due from treasury of Commonwealth from available appropriation account November, 1921, schedule . . . . .	6,071 19
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\$26,071 19

*Liabilities.*

Schedule of November bills . . . . .	\$26,071 19
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## PER CAPITA.

During the year the average number of inmates has been 870.264 (includes all patients under care).

Total cost for maintenance, \$309,575.05.

Equal to a weekly per capita cost of \$6.8408.

Receipt from sales, \$5,300.21.

Equal to a weekly per capita of \$0.1171.

All other institution receipts, \$7,280.78.

Equal to a weekly per capita of \$0.1608.

Net weekly per capita cost, \$6.5629.

Respectfully submitted,

HELEN I. HARRINGTON,

*Treasurer.*

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,

*Auditor.*

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# STATISTICAL TABLES

AS ADOPTED BY AMERICAN PSYCHIATRIC ASSOCIATION

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PRESCRIBED BY THE DEPARTMENT OF MENTAL DISEASES

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## STATISTICAL TABLES.

TABLE 1. — *General Information.*

1. Date of opening as an institution for the insane: Oct. 22, 1902.		
2. Type of institution: State.		
3. Hospital plant:		
Value of hospital property:		
Real estate including buildings . . . . .	\$634,908	55
Personal property . . . . .	193,816	93
	<hr/>	
Total . . . . .	\$828,725	48

Total acreage of hospital property, 1,848.5.

Acreage under cultivation during previous year, 340.75.

4. Medical service:	Men.	Women.	Total.
Superintendents . . . . .	1	—	1
Assistant physicians . . . . .	3	1	4
	<hr/>		
Total physicians . . . . .	4	1	5
5. Employees on pay roll (not including physicians):	Men.	Women.	Total.
Graduate nurses . . . . .	—	1	1
Other nurses and attendants . . . . .	42	33	75
All other employees . . . . .	53	46	99
	<hr/>		
Total employees . . . . .	95	80	175
6. Patients employed in industrial classes or in general hospital work on date of report . . . . .	456	201	657
7. Patients in institution on date of report (excluding paroles) . . . . .	515	313	828

TABLE 2. — *Financial Statement.*

See treasurer's report for data requested under this table.

TABLE 3. — *Movement of Patient Population for the Year ending Sept. 30, 1921.*

	INSANE.			TEMPORARY CARE.			SANE, VOLUNTARY.			TOTAL ON BOOKS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Patients on books of institution Sept. 30, 1920 . . . . .	525	369	894	—	—	—	1	—	1	526	369	895
Admissions during year:												
(a) First admissions . . . . .	16	21	37	5	1	6	—	—	—	21	22	43
(b) Readmissions . . . . .	4	5	9	2	2	4	2	—	2	8	5	13
Total admissions . . . . .	20	26	46	7	3	10	2	—	2	29	27	56
(c) Transfers from other institutions . . . . .	25	7	32	7	1	8	—	—	—	25	7	32
2. Total received during year . . . . .	45	33	78	7	1	8	2	—	2	54	34	88
3. Total under treatment during year . . . . .	570	402	972	7	1	8	3	—	3	580	403	983
Discharged from books during year:												
(a) As recovered . . . . .	—	4	4	—	—	—	—	—	—	—	4	4
(b) As improved . . . . .	14	8	22	2	—	2	—	—	—	16	8	24
(c) As unimproved . . . . .	7	4	11	—	—	—	—	—	—	7	4	11
(d) As not insane . . . . .	—	—	—	4	—	4	2	—	2	6	—	6
(e) Transferred to other institutions for the insane . . . . .	1	1	2	—	—	—	—	—	—	1	1	2
(f) Died during the year . . . . .	22	14	36	—	—	—	—	—	—	22	14	36
4. Total discharged during the year . . . . .	44	31	75	6	—	6	2	—	2	52	31	83
5. Remaining on books of institution Sept. 30, 1921 . . . . .	526	371	897	1	1	2	1	—	1	528	372	900
<i>Supplementary Data.</i>												
6a. Average daily number on books during year . . . . .	520.720	372.111	892.831	34	.013	.353	1.00	—	1.00	522.060	372.124	894.184
6b. Average daily number actually in institution . . . . .	506.363	317.866	824.210	34	.013	.333	1.00	—	1.00	507.703	317.869	825.572
7a. Average daily number in family care . . . . .	7.052	36.563	43.615	—	—	—	—	—	—	7.052	36.563	43.615
7b. Average daily number on visit and escape . . . . .	7.305	17.692	24.997	—	—	—	—	—	—	7.305	17.692	24.997
8. Number of voluntary patients admitted during the year . . . . .	4	4	8	—	—	—	—	—	—	4	4	8
9. Number of temporary-care patients admitted during the year . . . . .	—	—	—	13	1	14	—	—	—	13	1	14
10. Number of patients actually remaining in institution Sept. 30, 1921 . . . . .	515	313	828	1	1	2	1	—	1	517	314	831
State . . . . .	507	296	803	1	1	2	—	—	—	508	297	805
Reimbursing . . . . .	5	12	17	—	—	—	—	—	—	5	12	17
Private . . . . .	3	5	8	—	—	—	1	—	1	4	5	9



TABLE 4. — *Nativity of First Admissions and of Parents of First Admissions for the Year ending Sept. 30, 1921.*

NATIVITY.	PATIENTS.			PARENTS OF MALE PATIENTS.			PARENTS OF FEMALE PATIENTS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
United States . . . . .	9	15	24	4	4	8	11	11	22
Canada <sup>1</sup> . . . . .	—	2	2	—	—	—	1	1	2
Finland . . . . .	3	—	3	3	3	6	—	—	—
Ireland . . . . .	2	2	4	6	6	12	4	4	8
Italy . . . . .	—	1	1	—	—	—	1	1	2
Poland . . . . .	1	—	1	1	1	2	—	—	—
Russia . . . . .	—	1	1	—	—	—	1	1	2
Turkey in Asia . . . . .	1	—	1	1	1	2	—	—	—
Unascertained . . . . .	—	—	—	1	1	2	3	3	6
Total . . . . .	16	21	37	16	16	32	21	21	42

<sup>1</sup> Includes Newfoundland.TABLE 5. — *Citizenship of First Admissions for the Year ending Sept. 30, 1921.*

	Males.	Females.	Totals.
Citizens by birth . . . . .	9	15	24
Citizens by naturalization . . . . .	4	2	6
Aliens . . . . .	3	2	5
Citizenship unascertained . . . . .	—	2	2
Totals . . . . .	16	21	37

TABLE 6. — *Psychoses of First Admissions for the Year ending Sept. 30, 1921.*

PSYCHOSES.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile, total . . . . .	1	—	1	2	5	7
Presbyophrenic type . . . . .	1	—	1			
Delirious and confused states . . . . .	1	3	4			
Paranoid states in addition to deterioration . . . . .	—	2	2			
With cerebral arteriosclerosis . . . . .	—	—	—	4	3	7
Alcoholic, total . . . . .	—	1	1	—	1	1
Chronic hallucinosis . . . . .	—	1	1			
Manic-depressive, total . . . . .	—	2	2	—	3	3
Manic type . . . . .	—	2	2			
Depressive type . . . . .	—	1	1			
Involution melancholia . . . . .	—	—	—	—	1	1
Dementia præcox, total . . . . .	2	1	3	5	4	9
Paranoid type . . . . .	2	1	3			
Katatonic type . . . . .	1	1	2			
Hebephrenic type . . . . .	2	—	2			
Simple type . . . . .	—	2	2			
Paranoia and paranoic conditions . . . . .	—	—	—	1	1	2
Epileptic, total . . . . .	—	—	—	1	—	1
Clouded states . . . . .	1	—	1			
Psychoneuroses and neuroses, total . . . . .	—	1	1	—	1	1
Hysterical type . . . . .	—	1	1			
With constitutional psychopathic inferiority . . . . .	—	—	—	1	—	1
Undiagnosed . . . . .	—	—	—	1	2	3
Not insane, total . . . . .	—	—	—	1	—	1
Mental deficiency without psychosis . . . . .	1	—	1			
Totals . . . . .	—	—	—	16	21	37

TABLE 7. — *Race of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

RACE.	TOTAL.			PSYCHOSES.																	
	Males.	Females.	Totals.	SENILE.			WITH CEREBRAL ARTERIO-SCLEROSIS.			ALCOHOLIC.			MANIC-DEPRESSIVE.			INVOLUTION MELANCHOLIA.			DEMENTIA PRECOX.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
English . . . . .	2	-	2	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Finnish . . . . .	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
French . . . . .	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Irish . . . . .	6	5	11	1	3	4	2	-	2	-	-	-	-	-	-	-	-	-	2	1	3
Italian <sup>1</sup> . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithuanian . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Scotch . . . . .	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Slavonic <sup>2</sup> . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syrian . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mixed . . . . .	3	11	14	-	2	2	1	3	4	-	-	-	-	-	-	-	-	-	-	2	2
Totals . . . . .	16	21	37	2	5	7	4	3	7	-	1	1	-	3	3	-	1	1	5	4	9

<sup>1</sup> Includes "North" and "South."<sup>2</sup> Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. — *Race of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921 — Concluded.*

RACE.	PSYCHOSES.											
	PARANOIA AND PARANOID CONDITIONS.			EPILEPTIC.			PSYCHONEUROSES AND NEUROSES.			WITH CON- STITUTIONAL PSYCHOPATHIC INFERIORITY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
English	1	1	2	1	1	2	1	1	2	1	1	2
Finnish	1	1	2	1	1	2	1	1	2	1	1	2
French	1	1	2	1	1	2	1	1	2	1	1	2
Irish	1	1	2	1	1	2	1	1	2	1	1	2
Italian <sup>1</sup>	1	1	2	1	1	2	1	1	2	1	1	2
Lithuanian	1	1	2	1	1	2	1	1	2	1	1	2
Scotch	1	1	2	1	1	2	1	1	2	1	1	2
Slavonic <sup>2</sup>	1	1	2	1	1	2	1	1	2	1	1	2
Syrian	1	1	2	1	1	2	1	1	2	1	1	2
Mixed	1	1	2	1	1	2	1	1	2	1	1	2
Totals	1	1	2	1	1	2	1	1	2	1	1	2

<sup>1</sup> Includes "North" and "South."<sup>2</sup> Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			YEARS.											
	TOTAL.			15-19.			20-24.			30-34.			35-39.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	2	5	7	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis . . . . .	4	3	7	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive . . . . .	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Involution melancholia . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Dementia precox . . . . .	5	4	9	—	2	2	1	—	1	2	—	2	1	—	1
Paranoia or paranoic conditions . . . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic . . . . .	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Psychoneuroses and neuroses . . . . .	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
With constitutional psychopathic inferiority . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed . . . . .	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—
Not insane . . . . .	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Totals . . . . .	16	21	37	—	3	3	3	—	3	2	1	3	1	1	1



TABLE 9. — *Degree of Education of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			ILLITERATE.			READS AND WRITES.			COMMON SCHOOL.			HIGH SCHOOL.			UNACCOMMODATED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	2	5	7	1	1	2	1	1	2	4	4	6	1	1	2	1	1	2
With cerebral arteriosclerosis . . . . .	4	3	7	1	1	2	1	1	4	3	3	7	1	1	2	1	1	2
Alcoholic . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Manic-depressive . . . . .	1	3	4	1	1	2	1	1	1	3	3	4	1	1	2	1	1	2
Involution melancholia . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Dementia præcox . . . . .	5	4	9	1	1	2	1	1	3	1	1	4	1	3	4	1	1	2
Paranoia or paranoic conditions . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Epileptic . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Psychoneuroses and neuroses . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
With constitutional psychopathic inferiority . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Undiagnosed . . . . .	1	2	3	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Not insane . . . . .	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	2
Totals . . . . .	16	21	37	11	15	26	3	1	4	11	15	26	4	4	8	1	1	2



TABLE 10. — *Environment of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			URBAN.			RURAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	2	5	7	2	4	6	-	1	1
With cerebral arteriosclerosis . . . . .	4	3	7	2	2	4	2	1	3
Alcoholic . . . . .	-	1	1	-	1	1	-	-	-
Manic-depressive . . . . .	-	3	3	-	3	3	-	-	-
Involution melancholia . . . . .	-	1	1	-	1	1	-	-	-
Dementia præcox . . . . .	5	4	9	2	3	5	3	1	4
Paranoia or paranoic conditions . . . . .	1	1	2	1	1	2	-	-	-
Epileptic . . . . .	1	-	1	-	-	-	1	-	1
Psychoneuroses and neuroses . . . . .	-	1	1	-	-	-	-	1	1
With constitutional psychopathic inferiority . . . . .	1	-	1	1	-	1	-	-	-
Undiagnosed . . . . .	1	2	3	1	1	2	-	1	1
Not insane . . . . .	1	-	1	-	-	-	1	-	1
Totals . . . . .	16	21	37	9	16	25	7	5	12

TABLE 11. — *Economic Condition of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

Psychoses.	TOTAL.			DEPENDENT.			MARGINAL.			COMFORTABLE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile	2	5	7	2	1	3	1	4	4	1	1	2
With cerebral arteriosclerosis	4	3	7	1	2	3	2	—	2	1	1	2
Alcoholic	—	1	1	—	—	—	—	1	1	—	—	—
Manic-depressive	—	3	3	—	3	3	—	—	—	—	—	—
Involution melancholia	—	1	1	—	1	1	—	—	—	—	—	—
Dementia præcox	5	4	9	1	2	3	4	2	6	—	—	—
Paranoia or paranoid conditions	1	1	2	—	—	—	1	1	2	—	—	—
Epileptic	1	—	1	1	—	1	—	—	—	—	—	—
Psychoneuroses and neuroses	—	1	1	—	1	1	—	—	—	—	—	—
With constitutional psychopathic inferiority	1	—	1	—	—	—	1	—	1	—	—	—
Undiagnosed	1	2	3	1	1	2	—	1	1	—	—	—
Not insane	1	—	1	1	—	1	—	—	—	—	—	—
Totals	16	21	37	7	11	18	8	9	17	1	1	2

TABLE 12. — *Use of Alcohol by First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			ABSTINENT.			TEMPERATE.			INTEMPERATE.			UNASCERTAINED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	2	5	7	1	5	6	-	-	-	1	-	-	1	-	1
With cerebral arteriosclerosis . . . . .	4	3	7	3	3	6	-	-	-	-	-	-	1	-	1
Alcoholic . . . . .	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Manic-depressive . . . . .	-	3	3	-	3	3	-	-	-	-	-	-	-	-	-
Involution melancholia . . . . .	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Dementia præcox . . . . .	5	4	9	1	4	5	3	-	3	1	-	1	-	-	1
Paranoia or paranoid conditions . . . . .	1	1	2	-	-	-	-	1	1	1	-	1	-	-	1
Epileptic . . . . .	1	-	1	-	-	-	-	-	-	1	-	1	-	-	1
Psychoneuroses and neuroses . . . . .	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
With constitutional psychopathic inferiority . . . . .	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Undiagnosed . . . . .	1	2	3	-	2	2	1	-	1	-	-	-	-	-	-
Not insane . . . . .	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Totals . . . . .	16	21	37	6	18	24	4	3	7	4	-	4	2	-	2

TABLE 13. — *Marital Condition of First Admissions classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			SINGLE.			MARRIED.			WIDOWED.			SEPARATED.			DIVORCED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	2	5	7	—	2	2	1	1	2	1	2	3	—	—	—	—	—	—
With cerebral arteriosclerosis . . . . .	4	3	7	—	—	—	3	1	4	1	1	2	—	1	1	—	—	—
Alcoholic . . . . .	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Manic-depressive . . . . .	—	3	3	—	—	—	—	2	2	—	—	—	—	—	—	—	1	1
Involution melancholia . . . . .	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Dementia precox . . . . .	5	4	9	1	2	3	3	1	4	1	1	2	—	—	—	—	—	—
Paranoia or paranoic conditions . . . . .	1	1	2	—	—	—	—	1	1	1	—	1	—	—	—	—	—	—
Epileptic . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses . . . . .	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
With constitutional psychopathic inferiority . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed . . . . .	1	2	3	—	—	—	1	1	2	—	1	1	—	—	—	—	—	—
Not insane . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Totals . . . . .	16	21	37	4	5	9	8	9	17	4	5	9	—	1	1	—	1	1

TABLE 14. — *Psychoses of Readmissions for the Year ending Sept. 30, 1921.*

PSYCHOSES.	Males.	Females.	Totals.	Males.	Females.	Totals.
Alcoholic, total . . . . .	.	.	.	1	-	1
Chronic hallucinosis . . . . .	1	-	1			
Manic-depressive, total . . . . .	.	.	.	1	3	4
Manic type . . . . .	1	1	2			
Depressive type . . . . .	-	2	2			
Dementia præcox, total . . . . .	.	.	.	2	2	4
Paranoid type . . . . .	-	1	1			
Katatonic type . . . . .	1	-	1			
Hebephrenic type . . . . .	1	1	2			
Totals . . . . .	.	.	.	4	5	9

TABLE 15. — *Discharges of Patients classified with Reference to Principal Psychoses and Condition on Discharge for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			RECOVERED.			IMPROVED.			UNIMPROVED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
Due to drugs and other exogenous toxins . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
With other somatic diseases . . . . .	1	2	3	—	—	—	1	2	3	—	—	—
Manic-depressive . . . . .	1	1	2	—	—	—	1	1	2	—	—	—
Involution melancholia . . . . .	—	1	1	—	—	—	—	1	1	—	—	—
Dementia præcox . . . . .	13	8	21	—	2	2	8	4	12	5	2	7
Epileptic psychoses . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
With mental deficiency . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
Undiagnosed psychoses . . . . .	1	2	3	—	1	1	—	—	—	1	1	2
Not insane . . . . .	2	1	3	—	—	—	1	—	1	1	1	2
Total . . . . .	21	16	37	—	4	4	14	8	22	7	4	11

TABLE 16. — *Causes of Death of Patients classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.*

CAUSES OF DEATH.	TOTAL.			PSYCHOSES.												ALL OTHER.														
	Males.	Females.	Totals.	SENILE.			WITH CEREBRAL ARTERIO-SCLEROSIS.			ALCOHOLIC.			MANIC-DEPRESSIVE.						INVOLUTION MEL-ANCHOLIA.			DEMENTIA PRECOX.			WITH OTHER BRAIN OR NERVOUS DISEASES.			WITH MENTAL DEFICIENCY.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Septicæmia . . .	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of lungs . .	9	4	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other general diseases . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apoplexy (cerebral hemorrhage)	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of brain . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of nervous system.	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic myocarditis . . .	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis . . .	4	1	5	—	1	1	2	—	2	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of circulatory system.	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia . . .	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia . . .	—	3	3	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic interstitial nephritis .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic nephritis . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals . . .	22	14	36	1	3	4	2	—	2	2	—	2	—	1	1	1	1	2	10	8	18	1	—	—	1	—	—	4	1	2



TABLE 17. — Age of Patients at Time of Death classified with Reference to Principal Psychoses for the Year ending Sept. 30, 1921.

PSYCHOSES.	TOTAL.			YEARS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Males.	Females.	Totals.	25-29.			30-34.			35-39.			40-44.			45-49.			50-54.			55-59.			60-64.			65-69.			70 AND OVER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Senile	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending Sept. 30, 1921.*

PSYCHOSES.	TOTAL.			MONTHS.						YEARS.					
	Males.	Females.	Totals.	LESS THAN 1.			1-3.			4-7.			1-2.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	1	3	4	1	1	2	-	2	2	-	-	-	1	-	1
With cerebral arteriosclerosis . . . . .	2	-	2	1	-	1	1	-	1	-	-	-	1	-	1
With other brain or nervous diseases . . . . .	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Alcoholic . . . . .	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Involution melancholia . . . . .	1	1	2	-	-	-	-	-	-	1	-	1	-	-	-
Dementia præcox . . . . .	10	8	18	-	-	-	-	1	1	-	-	-	-	1	1
Undiagnosed psychoses . . . . .	1	1	2	-	-	-	-	1	1	-	-	-	-	-	-
Not insane . . . . .	4	-	4	-	-	-	-	-	-	-	-	-	1	-	-
Totals . . . . .	22	14	36	2	1	3	1	4	5	2	1	3	1	1	1

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending Sept. 30, 1921 — Concluded.*

PSYCHOSES.	YEARS.											
	7-8.			9-10.			11-12.			15-19.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Senile . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
With cerebral arteriosclerosis . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
With other brain or nervous diseases . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Alcoholic . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Manic-depressive . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Involution melancholia . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Dementia praecox . . . . .	1	2	3	1	1	2	1	1	2	1	1	2
Undiagnosed psychoses . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Not insane . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Totals . . . . .	1	2	3	1	1	2	1	1	2	1	1	2

TABLE 19. — *Family Care Department.*

	Males.	Females.	Totals.
Remaining Sept. 30, 1920 . . . . .	9	42	51
Admitted within the year . . . . .	3	35	38
Whole number of cases within the year . . . . .	12	77	89
Dismissed within the year . . . . .	7	35	42
Returned to institution . . . . .	7	32	39
Discharged . . . . .	—	2	2
Escaped . . . . .	—	1	1
Dismissed to visit . . . . .	—	—	—
Died . . . . .	—	—	—
Remaining Sept. 30, 1921 . . . . .	5	42	47
Supported by the State . . . . .	2	31	33
Self-supporting . . . . .	3	11	14
Private . . . . .	—	—	—
Number of different persons within the year . . . . .	8	36	44
Number of different persons admitted . . . . .	3	28	31
Number of different persons dismissed . . . . .	7	26	33
Daily average number . . . . .	7.052	36.563	43.615
State . . . . .	1.250	26.900	28.150
Self-supporting . . . . .	5.802	9.663	15.465
Private . . . . .	—	—	—